

Shreeram Model School

ASSIGNMENT SHEET – 02

TASK

Chapter – 4 Multiplication and Division

Topic : Multiplication using multiplication properties

Do it in your note book

1. Use the order or **commutative property** of multiplication and fill in the blanks:

(i) $85 \times 12 = \underline{\quad} \times 85$

(ii) $832 \times 5 = 5 \times \underline{\quad}$

(iii) $375 \times \underline{\quad} = 14 \times 375$

(iv) $\underline{\quad} \times 72 = 72 \times 310$

2. Use the grouping or **associative property** of multiplication and fill in the blanks:

(i) $(12 \times 5) \times 3 = 12 \times (\underline{\quad} \times \underline{\quad})$

ii) $(20 \times \underline{\quad}) \times 10 = 20 \times (15 \times 10)$

(iii) $(7 \times 5) \times 2 = 7 \times (\underline{\quad} \times 2)$

(iv) $315 \times (16 \times 120) = (\underline{\quad} \times \underline{\quad}) \times 120$

3. Fill in the blanks

(i) $416 \times 1 = \underline{\hspace{2cm}}$

(ii) $799 \times 1 = \underline{\hspace{2cm}}$

(iii) $518 \times \underline{\hspace{1cm}} = 518$

(iv) $\underline{\hspace{1cm}} \times 1 = 618$

(v) $315 \times 0 = \underline{\hspace{2cm}}$

(vi) $826 \times \underline{\hspace{1cm}} = 0$

(vii) $512 \times 12 \times 0 = \underline{\hspace{2cm}}$

(viii) $800 \times \underline{\hspace{1cm}} = 0$

4. Fill up the blanks:

(i) $134 \times 5 = (100 + 30 + \underline{\hspace{1cm}}) \times 5$

(ii) $35 \times 7 = (\underline{\hspace{1cm}} + 5) \times 7$

(iii) $236 \times 8 = (200 + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}) \times 8$

(iv) $579 \times 4 = (500 + \underline{\hspace{1cm}} + \underline{\hspace{1cm}}) \times 4$

(v) $2125 \times 4 = (2000 + \underline{\hspace{1cm}} + 20 + \underline{\hspace{1cm}}) \times \underline{\hspace{1cm}}$

(vi) $21 \times 9 = \underline{\hspace{1cm}} \times (10 - 1)$

(vii) $99 \times 9 = (100 - 1) \times \underline{\hspace{2cm}}$

(viii) $36 \times 9 = 36 \times (\underline{\hspace{1cm}} - 1)$

(ix) $10 \times 99 = \underline{\hspace{1cm}} \times (\underline{\hspace{1cm}} - \underline{\hspace{1cm}})$

5. What will be the product if any number is multiplied by zero?

6. What will be the product if any number is multiplied by 1?

7. $3 \times 0 = 7 \times 0 = 0 \times 11 = 132 \times 0 =$ _____